

REMARKS/ARGUMENTS

Claims 1-7, and 11 are canceled. New claim 12 is added. Claims 8 and 9 are amended to overcome the rejections(s) under 35 U.S.C. 112, as described below, and to include the limitations of their base claim 7. Amended claims 8-9 are thus allowable per Examiner's statement on page 4 of the Office Action.

Claim 8 is rejected under 35 U.S.C. 122, second paragraph, for reciting the limitation "said weighing" in line 20. Claim 8 is amended above to accordingly recite, in part, "said weighted kernel" which has an antecedent basis defined in line 22 of amended claim 8. Amended claim 8 is thus believed to overcome this rejection.

Claim 9 is rejected under 35 U.S.C. 122, second paragraph, for reciting the limitation "said cyclic prefix model" in line 7. Claim 9 is amended above to accordingly recite, in part, "said cyclic prefix insertion module" which has an antecedent basis defined in line 9 of amended claim 9. Amended claim 9, as amended, is thus believed to overcome this rejection.

Each of claims 8 and 9 are amended to include the limitations of claim 7, on which both of these claims depended. Accordingly, in accordance with Examiner's statements on page 4 of the Office Action, claims 8 and 9 are now allowable.

Claim 10 is dependent on claim 8 and is thus allowable for at least the same reasons as is claims 8. Similarly, new claim 11 is dependent on claim 9 and is thus allowable for at least the same reasons as is claims 9.

CONCLUSION

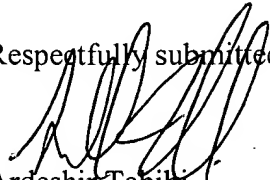
In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

Appln. No. 09/728,712
Amdt. dated June 28, 2004
Reply to Office Action of March 26, 2004

PATENT

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 650-326-2400.

Respectfully submitted,


Ardeshir Tabibi
Reg. No. 48,750

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: (650) 326-2400
Fax: (650) 326-2422
AT:deh